

WIRELESS COMMUNICATION DEVICE WITH MARKUP LANGUAGE BASED MAN-MACHINE INTERFACE

ABSTRACT OF THE DISCLOSURE

A wireless communications device with a markup language based man-machine
5 interface provides a user interface for telecommunications functionality, including dialing
telephone numbers, answering telephone calls, creating messages, sending messages,
receiving messages, establishing configuration settings defined in markup language such
as HTML, and accessed through a browser program executed by the wireless
communication device. This feature enables direct access to Internet and World Wide
10 Web content, such as Web pages, to be directly integrated with telecommunication
functions of the device, and allows Web content to be seamlessly integrated with other
data types, since all data presented to the user via the user interface is presented via
markup language-based pages. The browser processes an extended form of HTML that
provides new tags and attributes that enhance the navigational, logical, and display
15 capabilities of conventional HTML, and particularly adapt HTML to be displayed and
used on wireless communication devices with small screen displays.